Form PTO 948 (Rev. 8-98)

REVIEWER

ATTACHMENT TO PAPER NO.

The drawing(s) filed (insert date)\_\_\_\_

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No. <u>09/39*62*4</u>5

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

Black ink. Color.  Color drawings are not acceptable until petiton is granted.  Fig(s)  Pencil and non black ink not permitted. Fig(s)  PhotograPhs. 37 CFR 1.84 (b)  1 full-tone set is required. Fig(s)  Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)  Foor quality (half-tone). Fig(s)  Paper not flexible, strong, white, and durable.  Fig(s)  Fig(s)  Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  13. LEA  NUM  Partial views. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Fig(s)  SCECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	
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Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Fig(s)
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Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)	Numbers and reference characters not oriented in the
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or property.  Fig(s)  Enlarged view not labeled separately or property.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	same direction as the view. 37 CFR 1.84(p)(1)
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11,  Margins not acceptable. Fig(s)	English alphabet not used. 37 CFR 1.84(p)(2)
SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L) Right (R) Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Figs
Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Numbers, letters and reference characters must be at least
Top (T) Left (L) Right (R) Bottom (B)  VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) 15. NUM Views not labeled separately or properly. Fig(s) 5. Enlarged view not labeled separetely or properly. Fig(s) 6. COR Fig(s) 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) 7. Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Right (R) Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Fig(s)
VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	EAD LINES. 37 CFR 1.84(q)
REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Lead lines cross each other. Fig(s)
correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Lead lines missing. Fig(s)
Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	UMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Sheets not numbered consecutively, and in Arabic numera
Fig(s) 15. NUM  Views not labeled separately or properly.  Fig(s) Enlarged view not labeled separetely or properly.  Fig(s) 16. COR  Fig(s) 17. DESI  Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	beginning with number 1. Sheet(s)
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Fig(s) Enlarged view not labeled separetely or properly. 16. COR Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. 17. DES Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Views not numbered consecutively, and in Arabic numeral
Enlarged view not labeled separetely or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	beginning with number 1. Fig(s)
Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. 17. DES Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	ORRECTIONS. 37 CFR 1.84(w)
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)	Corrections not made from prior PTO-948
Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	dated
Fig(s)Sectional designation should be noted with Arabic orRoman numbers. Fig(s)	ESIGN DRAWINGS. 37 CFR 1.152
Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Surface shading shown not appropriate. Fig(s)
Roman numbers. Fig(s)	Solid black shading not used for color contrast.
	Fig(s)
OMMENTS	
OMMENTS	
OMMEN 13	

TELEPHONE NO.

# Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

#### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

## 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson. MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

#### Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in ABANDONMENT of the application

06/01/01